

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IMBG120R140M1H	**Issued**	15. May 2021
MA#	MA004531388		
Package	PG-TO263-7-12	**Weight***	1434.91 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.024			17	
	noble metal	gold	7440-57-5	0.093	0.01		65	
	inorganic material	siliconcarbide	409-21-2	1.434	0.10	0.11	999	1081
leadframe	inorganic material	phosphorus	7723-14-0	0.243	0.02		169	
	non noble metal	iron	7439-89-6	0.810	0.06		564	
	non noble metal	copper	7440-50-8	808.567	56.34	56.42	563499	564232
wire	non noble metal	aluminium	7429-90-5	2.144	0.15	0.15	1494	1494
encapsulation	inorganic material	zincoxide	1314-13-2	6.080	0.42		4237	
	miscellaneous	miscellaneous	-	24.320	1.69		16949	
	plastics	epoxy resin	-	91.201	6.36		63559	
	inorganic material	silicondioxide	60676-86-0	486.406	33.90	42.37	338981	423726
leadfinish	non noble metal	tin	7440-31-5	9.890	0.69	0.69	6892	6892
plating	inorganic material	phosphorus	7723-14-0	0.009			6	
	non noble metal	nickel	7440-02-0	3.686	0.26	0.26	2569	2575
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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